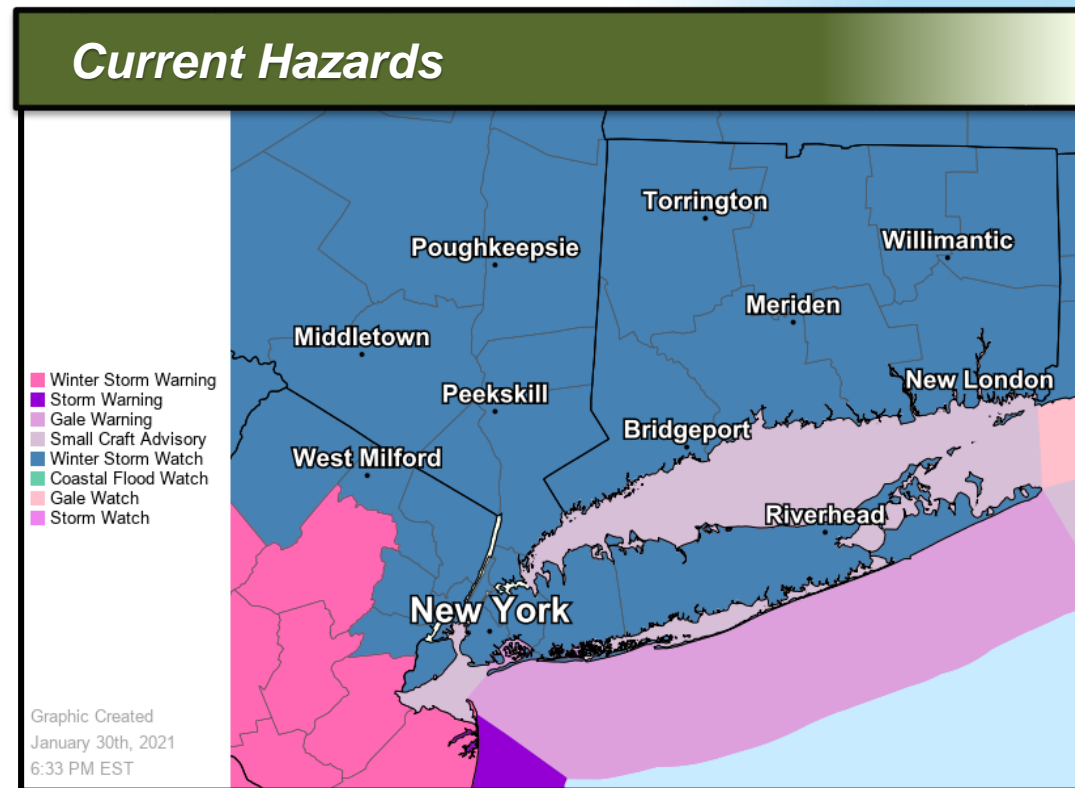


Major Winter Storm Sun Night into Tuesday



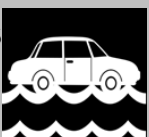


Decision Support Briefing #2 As of: 550 PM Jan 30, 2021

What Has Changed?

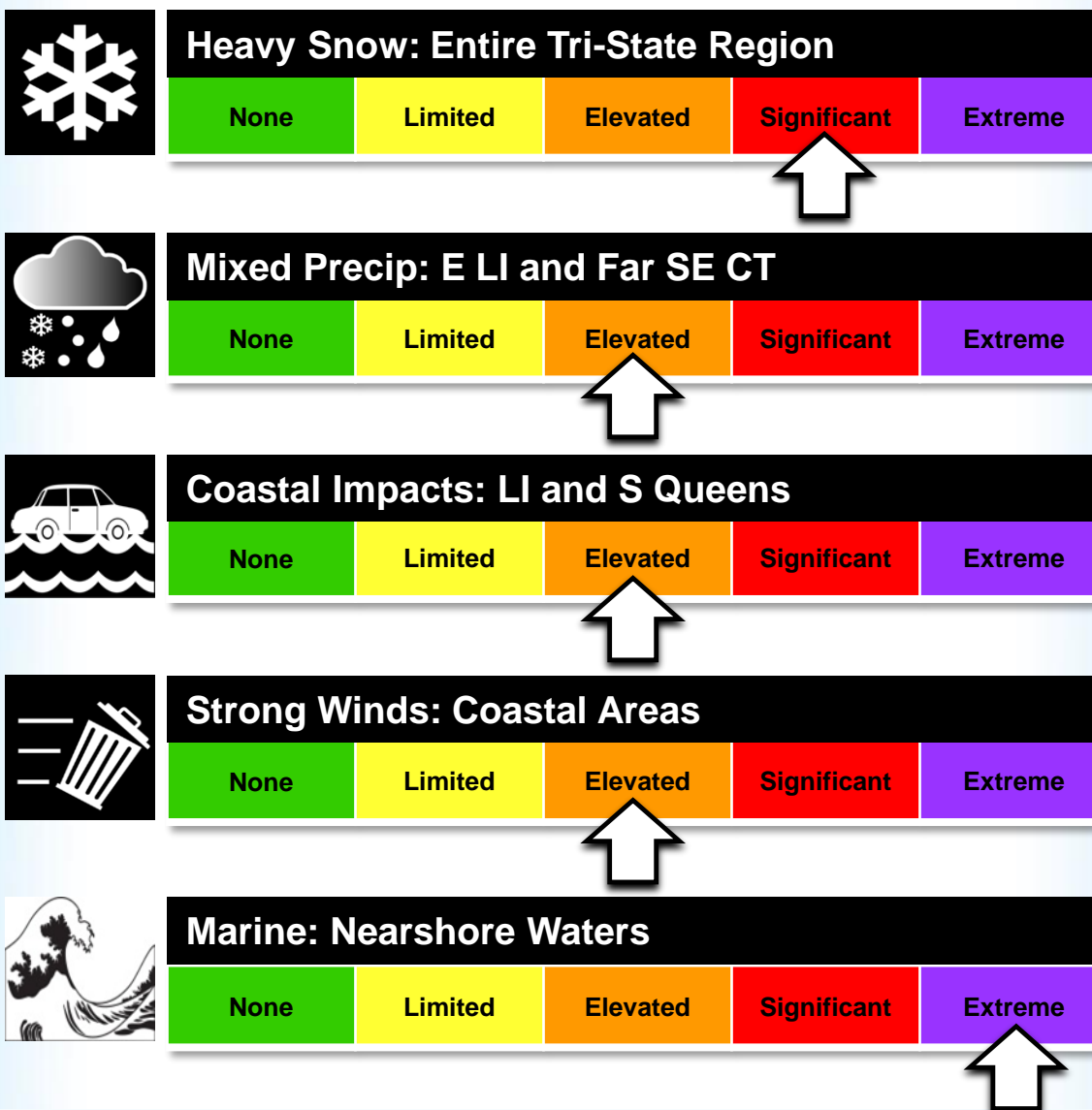
- ✓ *Winter Storm Watch in Effect for Entire Region.*
- ✓ *Coastal Flood Watches Remain in Effect for Long Island and Queens for the Monday/Monday night timeframe.*
- ✓ *Gale Warning in Effect for Sunday night across the ocean.*
- ✓ *Gale Watches remain in Effect for non-ocean waters for the Monday into Monday night timeframe.*
- ✓ *Storm Watches remain in Effect for ocean waters for the Monday into Monday night timeframe.*



Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 7-14" 	<ul style="list-style-type: none"> • Snowfall rates of 1-2 inches/hr possible. • Near blizzard conditions possible along coast. • Difficult travel. 	Much of the Tri-State Region	<ul style="list-style-type: none"> • Snow develops Sun Night • Heavy snow Mon/Mon Eve • Periods of snow Mon Night into Tue.
Snow 5-8" 	<ul style="list-style-type: none"> • Snow, possibly mixing with rain. • Difficult Travel. 	E LI and SE CT	<ul style="list-style-type: none"> • Snow develops Sunday Night. • Possibly mixing with rain late Monday into Monday Night.
Coastal Impacts 2 to 2 ½ ft inundation 	<ul style="list-style-type: none"> • Moderate coastal flood impacts. • Areas of dune erosion and localized overwashes. 	Coastal Impacts – LI and Queens Dune impacts- Oceanfront	Times of high tide Monday Into Monday Night
Strong Winds 20-30G50mph 	<ul style="list-style-type: none"> • Scattered downed tree limbs and power lines. • Near blizzard conditions possible. 	Coastal Areas, including NYC/NJ metro	Monday into Monday Night
Marine 	<ul style="list-style-type: none"> • Gale to Storm conditions. • Seas of 12-17 ft on the Ocean and 3- 7 ft on LI Sound. 	Storm force on ocean, gales non-ocean waters	Sunday Night through Monday Night

Summary of Greatest Impacts

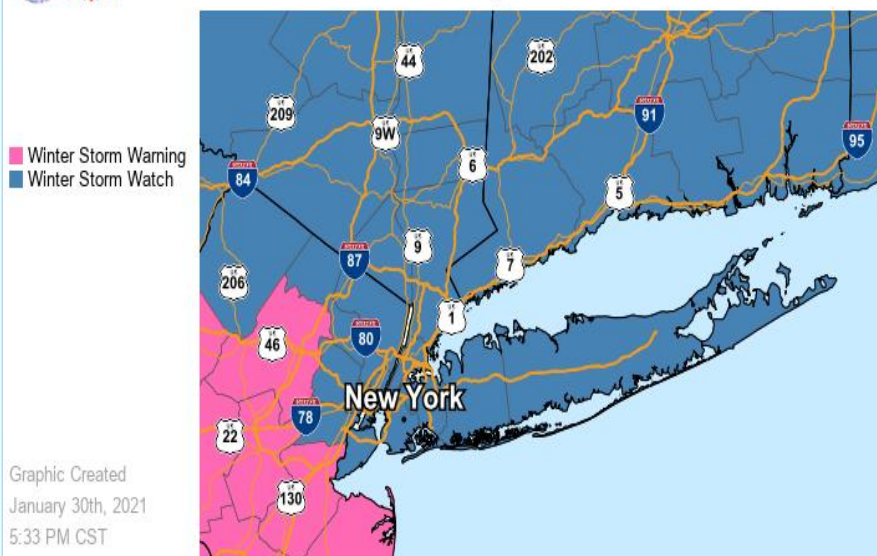


Heavy Snow

Winter Storm Watch in Effect Sunday Night thru Monday Night



Winter Watches Warnings and Advisories



Hazards:

- ✓ **Much of the Region** – Potential for 7-14" of snow.
 - ✓ Snowfall rates: 1-2"/hr possible Mon/Mon Eve
 - ✓ Visibility: ¼ mile or less at times.
 - ✓ Temperatures: Upper 20s to Lower 30s for city/coast. Near 20 to 25 for Interior.
- ✓ **E LI and Far SE CT** – Potential for 5-8" of snow. Potential for mixing with rain.

Impacts:

- ✓ Difficult travel late Sunday Night through early Tuesday morning.
- ✓ Scattered downed tree limbs and power outages possible.
- ✓ Blizzard conditions possible at times Monday into Monday Night for coast.

Timing:

- ✓ Snow develops Sun Night.
- ✓ Heavy snow possible Monday into Mon Eve.
- ✓ Periods of snow Monday Night into early Tue.
- ✓ Snow persists during day Tuesday, but will be mainly light.

Forecast Challenges:

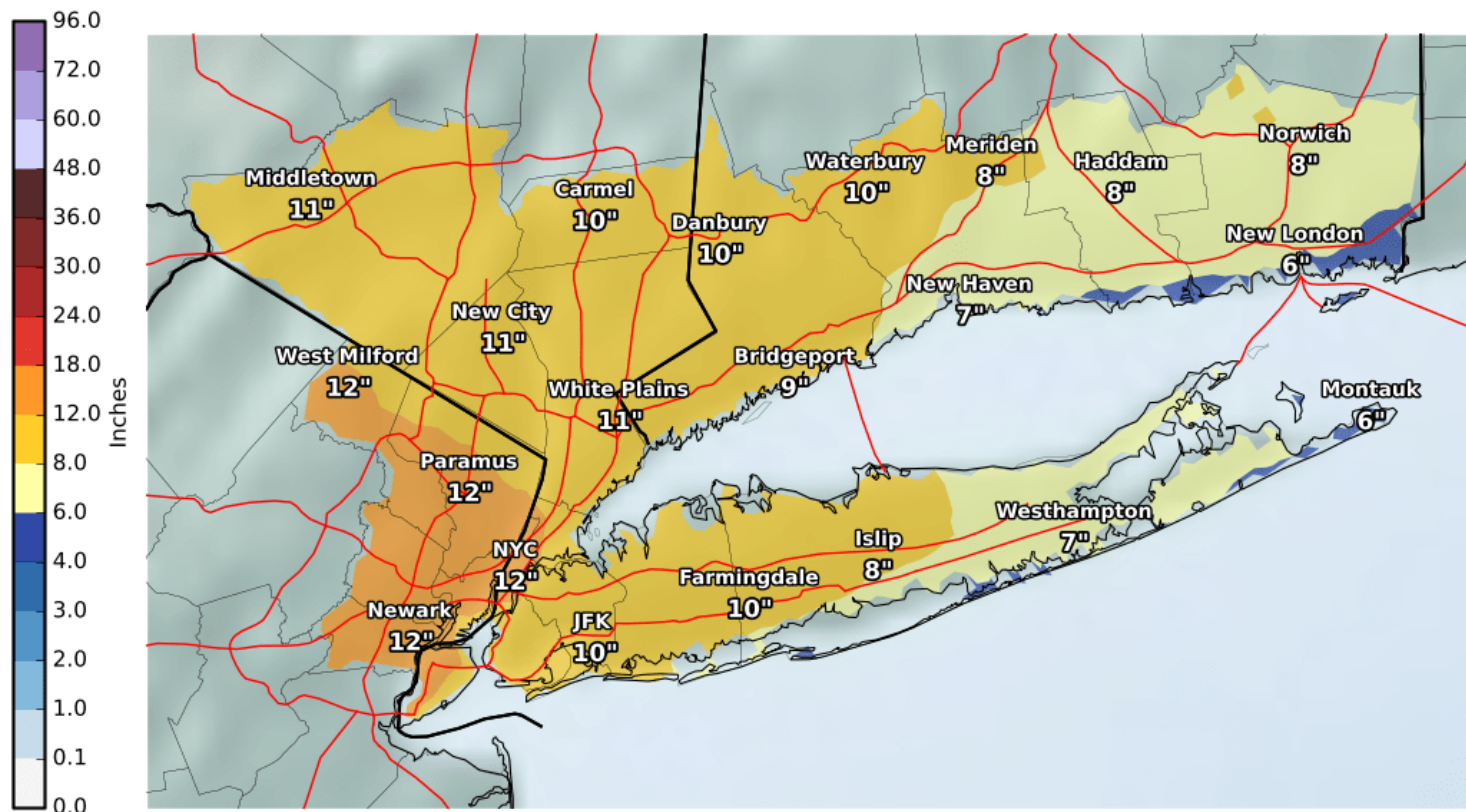
- ✓ How far NW and how long rain and possibly sleet, mixes in along coast, especially across E LI and Far SE CT.
- ✓ Duration/location of heavy snow banding Mon into Mon Eve.



Most Likely Snowfall – Official Forecast

Expected Snowfall - Official NWS Forecast

Valid: 01/31/2021 07:00 PM - 02/02/2021 07:00 AM



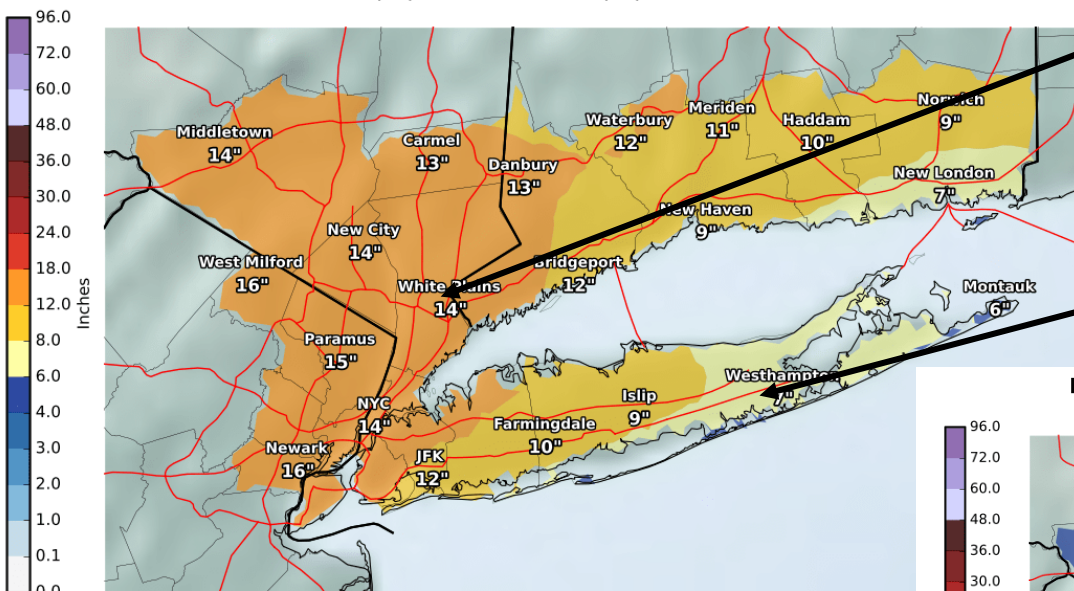
National Weather Service
New York NY
01/30/2021 04:33 PM EST

Follow Us: weather.gov/nyc/winter

Probabilistic Snowfall Forecast

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: 01/31/2021 07:00 PM - 02/02/2021 07:00 AM

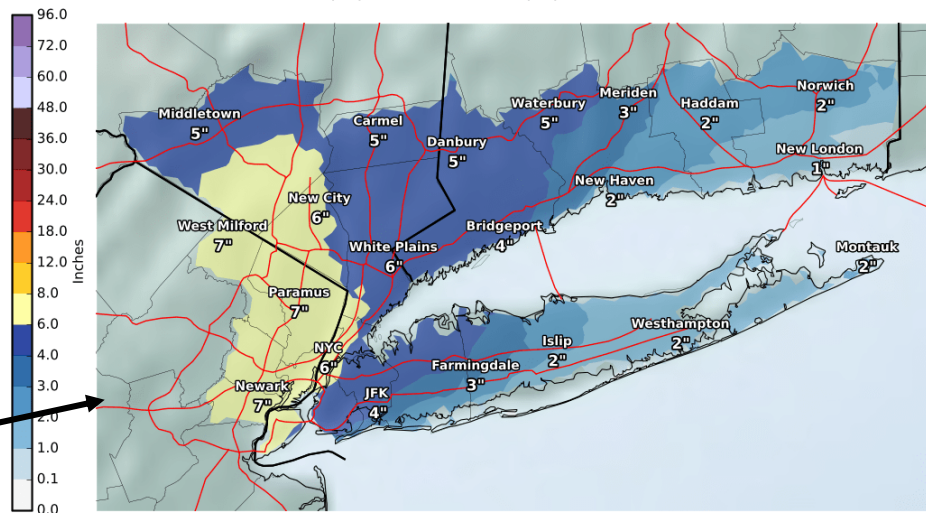


Snow amounts could be this high in spots where heavy snow banding is most persistent.

Or...If there is no/less mixing with rain/possibly sleet across E LI and Far SE CT

Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

Valid: 01/31/2021 07:00 PM - 02/02/2021 07:00 AM



National Weather Service
New York NY
01/30/2021 04:33 PM EST

Follow Us:
[weather.gov/](https://www.weather.gov/)

Expect at least this much snow

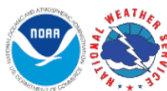
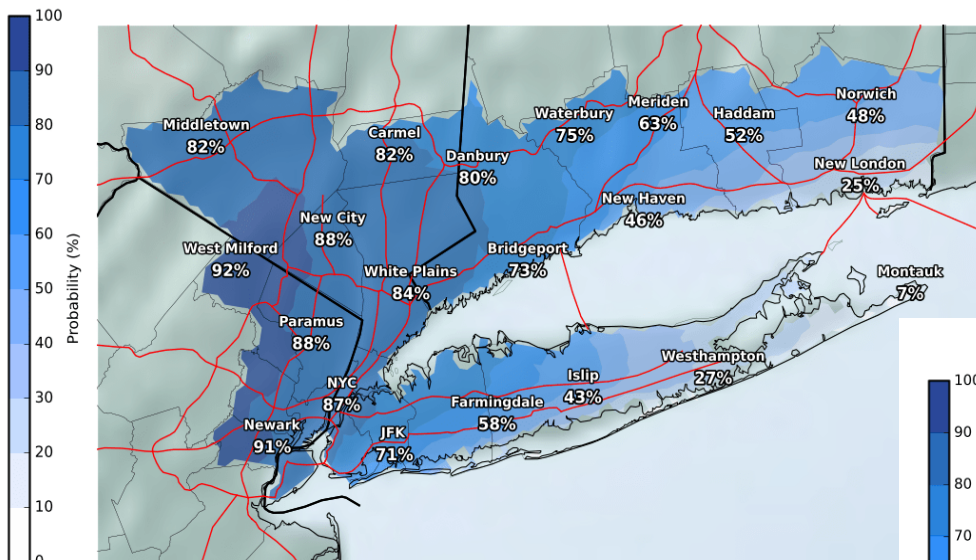


National Weather Service
New York NY
01/30/2021 04:33 PM EST

Follow Us: [weather.gov/nyc/winter](https://www.weather.gov/nyc/winter)

Probabilistic Snowfall Forecast

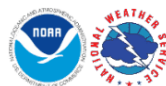
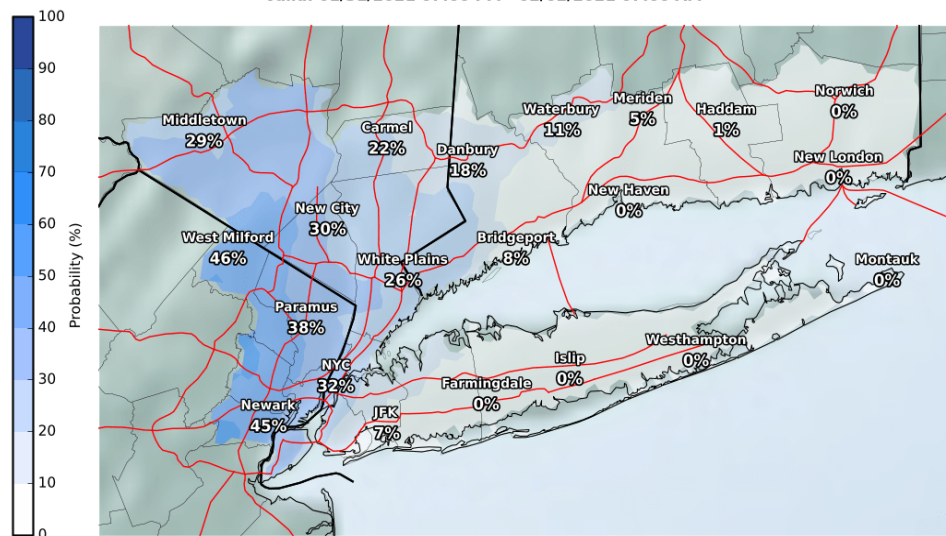
Percent Chance of 6" Snow or More
Valid: 01/31/2021 07:00 PM - 02/02/2021 07:00 AM



National Weather Service
New York NY
01/30/2021 04:34 PM EST

Follow Us: [weather.gov/nyc/win](https://www.weather.gov/nyc/win)

Percent Chance of 12" Snow or More
Valid: 01/31/2021 07:00 PM - 02/02/2021 07:00 AM



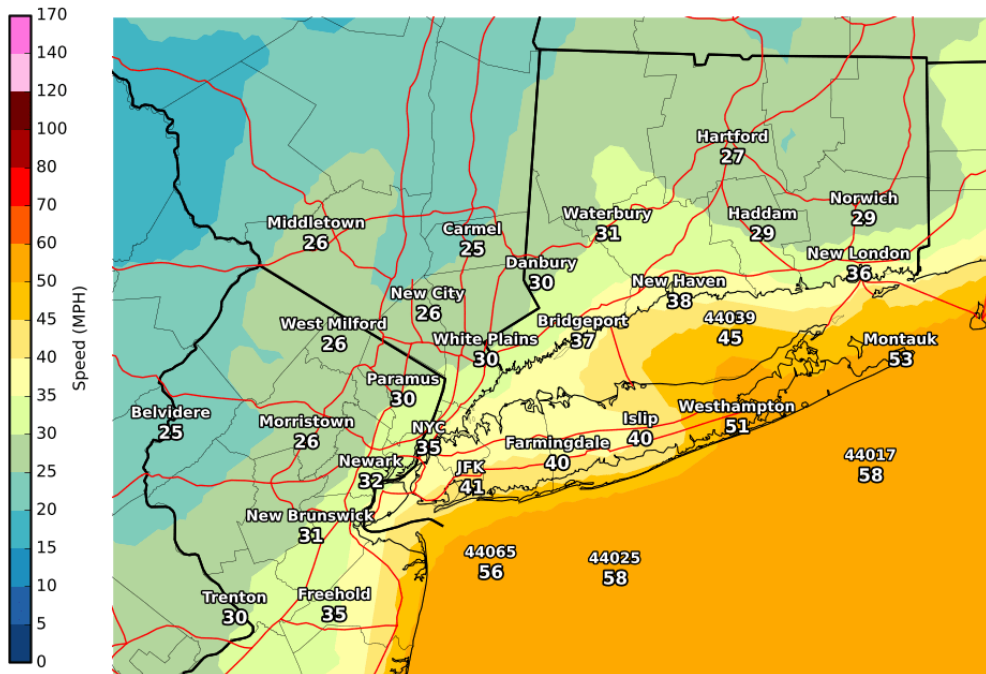
National Weather Service
New York NY
01/30/2021 04:34 PM EST

Follow Us: [weather.gov/nyc/winter](https://www.weather.gov/nyc/winter)

Strong Winds

Maximum Wind Gust (MPH)

Valid: 01/30/2021 04:00 PM - 02/04/2021 04:00 PM EST



Hazards:

- ✓ **Eastern Long Island**
 - ✓ NE winds 25-35mph with gusts to 50 to 55mph
- ✓ **NYC & Coast**
 - ✓ NE winds 20 to 30 mph with gusts 40 to 45 mph
- ✓ **Interior**
 - ✓ NE 15-20 with gusts 25 to 30mph

Impacts:

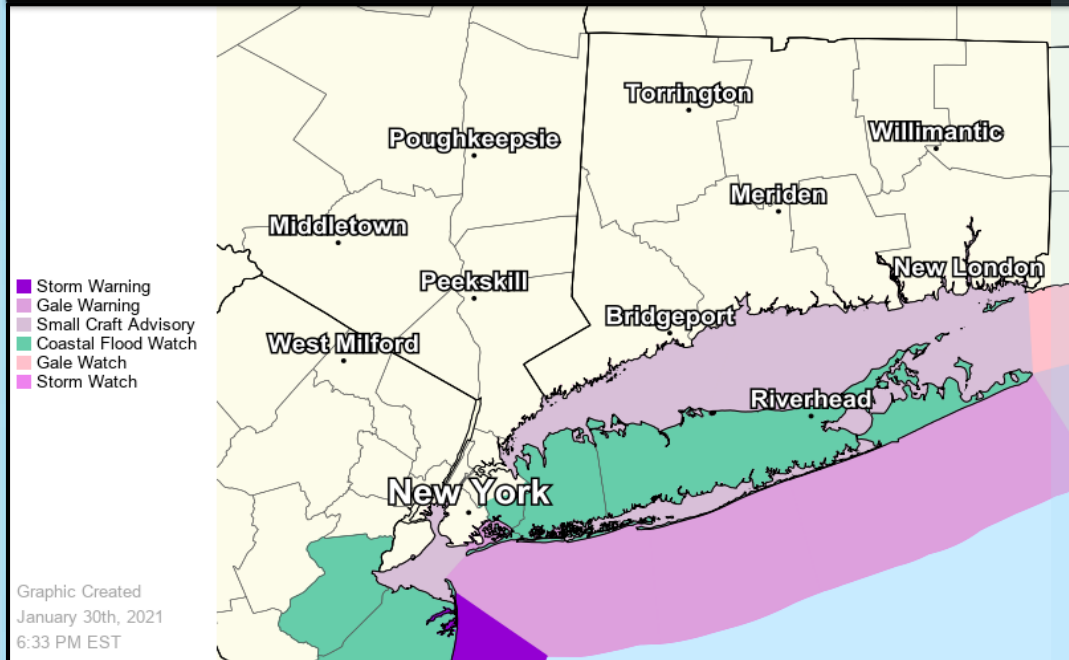
- ✓ Scattered downed tree limbs and power lines
- ✓ Near blizzard conditions along the coast

Timing:

- ✓ Monday into Monday Night

Coastal Flooding – Coastal Flood Watch in Effect for Mon and Mon Night High tides

Marine / Coastal Hazards



Coastal Flood Hazards and Impacts:

- ✓ Minor to locally moderate coastal impacts Mon (1-2 ft inundation)
 - ✓ Greatest threat of moderate along south shore of Nassau County
- ✓ Minor to moderate coastal impacts possible Mon Night. (2-2 1/2 ft inundation)
 - ✓ Greatest threat of moderate along southern and eastern bays of Queens and LI, and locally on north shore of LI.
 - ✓ Several waterfront road closures and potential property damage

Shoreline Hazards and Impacts:

- ✓ 5-10' breaking waves along the oceanfront, 3 to 6' along LI sound shoreline and Twin forks.
- ✓ Widespread ocean beach erosion and flooding. Areas of dune erosion and isolated washovers along oceanfront Mon into Tue high tides.

Timing:

- ✓ During times of high tide Monday into Mon Night.
- ✓ Additional minor to locally moderate flooding possible during Tuesday high tides.

Please go to the NWS New York, NY Coastal Flooding Page for the latest coastal flood forecast and the tools to visualize the coastal impacts.

<https://www.weather.gov/okx/coastalflood>

Event Summary

- ✓ **Winter Storm Watch in effect Sun Night through Mon Night**
 - ✓ Heavy Snow (7-14") potential for Much of the Region
 - ✓ 1-2"/hr snowfall rates Monday/Monday Eve
 - ✓ Near blizzard conditions possible for coast
 - ✓ Lesser snow amounts possible for Southeast CT and Eastern LI
- ✓ Strong Winds for the City/Coast
 - ✓ 20-35 g 40-55mph Monday into Monday Night
- ✓ **Coastal Flood Watch in effect for LI and S Queens for Mon into Mon Night high tides**
 - ✓ Minor to locally moderate coastal flood potential with Mon AM/early PM high tides
 - ✓ Minor to moderate coastal flood potential with Mon Night high tide
- ✓ Gales on ocean Sunday Night, Gale to Storm conditions possible Monday into Monday Night

Contact and Next Briefing Information



Next Briefing
When: *Around 6 AM Sun*
Method: *Email*



Web:
<http://www.weather.gov/okx/>



Facebook:
<http://www.facebook.com/NWSNewYorkNY>



Twitter:
<http://www.twitter.com/NWSNewYorkNY>



YouTube:
<https://www.youtube.com/user/NWSNewYorkNY>

Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 6 AM Sunday (01/31/21).*

